

Forward Area Air Defense Command and Control (FAAD C2)



MISSION

Collect, digitally process, and disseminate real-time target cuing and tracking information, common tactical air picture, and command, control, and intelligence (C2I) information to all Short Range Air Defense (SHORAD) weapons (Avenger, Bradley Linebacker, Manportable Air Defense System [MANPADS], Joint and combined arms); Provide Joint C2 interoperability and horizontal integration with PATRIOT, THAAD, MEADS, and SHORAD weapon systems.

DESCRIPTION AND SPECIFICATIONS

The Forward Area Air Defense Command and Control (FAAD C2), a Battle Management/Command, Control, Communications, Computers, and Intelligence (BM/C4I) system, provides critical, automated air track information (friendly and enemy aircraft, cruise missiles, and Unmanned Aerial Vehicles [UAVs]) to support air defense weapon systems engagement operations and to provide air situation awareness to other Army Battle Command Systems (ABCS). Unique FAAD C2 software provides mission capability by integrating FAAD C2 Engagement Operations software with the following systems:

- Joint Tactical Information and Data System (JTIDS)
- Single Channel Ground and Airborne Radio System (SINCGARS)
- Enhanced Position Location Reporting Systems (EPLRS)
- Global Positioning System (GPS)
- Airborne Warning and Control System (AWACS)
- Sentinel
- Army Battle Command Systems (ABCS) architecture

FAAD C2 is the first system to digitize for the First Digitized Division (FDD)/III Corps.

FOREIGN COUNTERPART

No known foreign counterpart

FOREIGN MILITARY SALES

None

PROGRAM STATUS

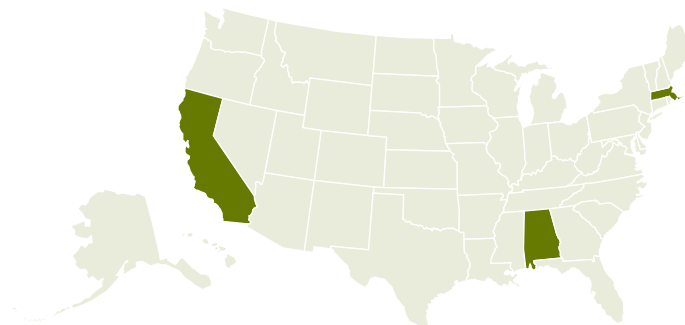
- 3QFY93 Completed Block I.
- 4QFY95 Completed Block II; Awarded Block III contract.
- 3QFY99 Completed Version 5.1 software system certification test (SCT).
- 4QFY00 Completed fieldings for 10 divisions, an armored cavalry regiment, a National Guard corps Avenger battalion, and a training base set; Completed Version 5.2 software integration, assembly, and test.

PROJECTED ACTIVITIES

- 2QFY01 Commence Force XXI Battle Command Brigade-and-Below (FBCB2) limited user test (LUT); Participate in FDD Division Capstone Exercise (DCX)-1 at NTC, Ft. Irwin, CA; Materiel release of FAAD C2 Version 5.1 software.
- 3QFY01 Complete Version 5.2 software SCT.
- 2QFY02 Commence Version 5.2 software LUT.

PRIME CONTRACTORS

TRW (Redondo Beach, CA)



* See appendix for list of subcontractors

